Revised Date: 01-Sep-06

LaSalle Bank
ABN AMRO

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06

ABN AMRO Acct : 723935.1

Payment Date:
25-Aug-06

Prior Payment:
N/A

Next Payment:
25-Sep-06

Record Date:
31-Jul-06

Distribution Count:
1

Closing Date:
25-Jul-06

First Pay. Date:
25-Aug-06

Rated Final Payment Date:
27-Jul-37

Delinquency Method:
OTS

Content:	*Pages*

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Outside Parties To The Transaction

Issuer: Merrill Lynch & Company- Asset Backed Sec. Group

Depositor: Merrill Lynch Mortgage Investors, Inc.

Underwriter: Merrill Lynch & Company- Asset Backed Sec. Group

Master Servicer: Wilshire Credit Corporation

Rating Agency: Moody's Investors Service, Inc./Standard & Poor's

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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Bond Payment

Class	CUSIP	Original Face Value [1]		Beginning Certificate Balance	Principal Payment	Current Realized Loss	Deferred Interest	Ending Certificate Balance	Interest Payment [2]	Interest Adjustment	Pass-Through Rate
A-1	59023EAA6	125,624,000.00		125,624,000.00	952,482.65	0.00	0.00	124,671,517.35	599,837.15	0.00	5.5450000000%
A-2A	59023EAB4	124,338,000.00		124,338,000.00	5,175,933.65	0.00	0.00	119,162,066.35	582,989.80	0.00	5.4450000000%
A-2B	59023EAC2	53,262,000.00		53,262,000.00	0.00	0.00	0.00	53,262,000.00	251,566.78	0.00	5.4850000000%
A-2C	59023EAD0	43,176,000.00		43,176,000.00	0.00	0.00	0.00	43,176,000.00	205,787.61	0.00	5.5350000000%
A-2D	59023EAE8	20,912,000.00		20,912,000.00	0.00	0.00	0.00	20,912,000.00	101,472.58	0.00	5.6350000000%
M-1	59023EAH1	29,104,000.00		29,104,000.00	0.00	0.00	0.00	29,104,000.00	142,225.59	0.00	5.6750000000%
M-2	59023EAJ7	25,090,000.00		25,090,000.00	0.00	0.00	0.00	25,090,000.00	123,042.06	0.00	5.6950000000%
M-3	59023EAK4	9,534,000.00		9,534,000.00	0.00	0.00	0.00	9,534,000.00	46,919.20	0.00	5.7150000000%
M-4	59023EAL2	13,297,000.00		13,297,000.00	0.00	0.00	0.00	13,297,000.00	66,239.37	0.00	5.7850000000%
M-5	59023EAM0	9,534,000.00		9,534,000.00	0.00	0.00	0.00	9,534,000.00	47,740.18	0.00	5.8150000000%
M-6	59023EAN8	7,527,000.00		7,527,000.00	0.00	0.00	0.00	7,527,000.00	38,014.49	0.00	5.8650000000%
B-1	59023EAP3	8,280,000.00		8,280,000.00	0.00	0.00	0.00	8,280,000.00	45,881.55	0.00	6.4350000000%
B-2	59023EAQ1	5,018,000.00		5,018,000.00	0.00	0.00	0.00	5,018,000.00	28,238.10	0.00	6.5350000000%
B-3	59023EAR9	7,276,000.00		7,276,000.00	0.00	0.00	0.00	7,276,000.00	45,643.76	0.00	7.2850000000%
R	59023EAU2	100.00		100.00	100.00	0.00	0.00	0.00	0.48	0.00	5.5450000000%
C	59023EAS7	501,792,412.98	**N**	501,792,412.98	0.00	0.00	0.00	495,664,383.70	1,092,945.12	(487.02)	N/A
P	59023EAT5	0.00		0.00	0.00	0.00	0.00	0.00	81,524.05	81,524.05	N/A
Total		481,972,100.00		481,972,100.00	6,128,516.30	0.00	0.00	475,843,583.70	3,500,067.87	81,037.03	
							Total P&I Payment		9,628,584.17		

[1] N denotes notional balance not included in total [2] Accrued Interest plus/minus Interest Adjustment minus Deferred Interest equals Interest Payment

Revised Date: 01-Sep-06

LaSalle Bank
ABN AMRO

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Statement to Certificate Holders (FACTORS)
Bond Payment

Class	CUSIP	Original Face Value	Beginning Certificate Balance *	Principal Payment *	Current Realized Loss *	Deferred Interest *	Ending Certificate Balance *	Interest Payment *	Interest Adjustment*	Next Rate **
A-1	59023EAA6	125,624,000.00	1000.000000000	7.582011797	0.000000000	0.000000000	992.417988203	4.774861093	0.000000000	5.48438000%
A-2A	59023EAB4	124,338,000.00	1000.000000000	41.627930721	0.000000000	0.000000000	958.372069279	4.688750020	0.000000000	5.38438000%
A-2B	59023EAC2	53,262,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	4.723194398	0.000000000	5.42438000%
A-2C	59023EAD0	43,176,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	4.766250000	0.000000000	5.47438000%
A-2D	59023EAE8	20,912,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	4.852361324	0.000000000	5.57438000%
M-1	59023EAH1	29,104,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	4.886805594	0.000000000	5.61438000%
M-2	59023EAJ7	25,090,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	4.904027900	0.000000000	5.63438000%
M-3	59023EAK4	9,534,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	4.921250262	0.000000000	5.65438000%
M-4	59023EAL2	13,297,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	4.981527412	0.000000000	5.72438000%
M-5	59023EAM0	9,534,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	5.007361024	0.000000000	5.75438000%
M-6	59023EAN8	7,527,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	5.050417165	0.000000000	5.80438000%
B-1	59023EAP3	8,280,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	5.541250000	0.000000000	6.37438000%
B-2	59023EAQ1	5,018,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	5.627361499	0.000000000	6.47438000%
B-3	59023EAR9	7,276,000.00	1000.000000000	0.000000000	0.000000000	0.000000000	1000.000000000	6.273194063	0.000000000	7.22438000%
R	59023EAU2	100.00	1000.000000000	1000.000000000	0.000000000	0.000000000	0.000000000	4.800000000	0.000000000	N/A
C	59023EAS7	501,792,412.98 **N**	1000.000000000	0.000000000	0.000000000	0.000000000	987.787720337	2.178082194	(0.000970561)	N/A
P	59023EAT5	0.00	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	N/A

* Per $1,000 of Original Face Value   ** Estimated

LaSalle Bank
ABN AMRO

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Cash Reconciliation Summary

Pool Source of Funds

Interest Summary

Interest Summary	
Scheduled Interest	3,628,111.00
Fees	209,080.17
Remittance Interest	3,419,030.83
Other Interest Proceeds/Shortfalls	
Prepayment Penalties	81,524.05
Other Interest Loss	0.00
Other Interest Proceeds	0.00
Non-advancing Interest	0.00
Non-Supported Interest Shortfall	0.00
Relief Act Shortfall	0.00
Modification Shortfall	0.00
Other Interest Proceeds/Shortfalls	81,524.05
Interest Adjusted	3,500,554.88
Fee Summary	
Total Servicing Fees	209,080.17
Total Trustee Fees	0.00
LPMI Fees	0.00
Credit Manager's Fees	0.00
Unpaid Serv Fees (Charged-off Loans)	0.00
Misc. Fees / Trust Expense	0.00
Insurance Premium	0.00
Total Fees	209,080.17

Advances (Principal & Interest)

Prior Month's Outstanding Advances	N/A
Current Advances	3,446,099.59
Reimbursement of Prior Advances	(6,205.87)
Outstanding Advances	3,452,305.46

Principal Summary

Principal Summary	
Scheduled Prin Distribution	200,957.06
Curtailments	(18,684.51)
Prepayments in Full	5,945,756.73
Liquidation Proceeds	0.00
Repurchase Proceeds	0.00
Other Principal Proceeds	0.00
Remittance Principal	6,128,029.28

Non-Pool Source of Funds

Supplemental Interest Trust

Net Swap Payments received	0.00
Net Swap Payments paid	0.00
Swap Termination Payments received	0.00
Swap Termination Payments paid	0.00
Defaulted Swap Termination Payments	0.00

Cap Contracts

Class A Certificates	0.00
Subordinate Certificates	0.00

P&I Due Certificate Holders	9,628,584.16

P&I Advances as of the end of the Due Period do not reflect the amount of advances remitted by the Servicer on the Servicer Remittance Date due to additional proceeds received between the end of the Due Period and the Servicer Remittance Date and netted from the P&I Advances stated as of the end of the Due Period.

LaSalle Bank
ABN AMRO

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Cash Reconciliation Summary Group I

	Fixed	ARM	Total
Interest Summary			
Scheduled Interest	255,848.60	997,870.50	1,253,719.10
Fees	14,484.16	57,023.38	71,507.54
Remittance Interest	241,364.44	940,847.11	1,182,211.56
Other Interest Proceeds/Shortfalls			
Prepayment Penalties	0.00	13,929.83	13,929.83
Other Interest Loss	0.00	0.00	0.00
Other Interest Proceeds	0.00	0.00	0.00
Non-advancing Interest	0.00	0.00	0.00
Net PPIS/Relief Act Shortfall	0.00	0.00	0.00
Modification Shortfall	0.00	0.00	0.00
Other Interest Proceeds/Shortfalls	0.00	13,929.83	13,929.83
Interest Adjusted	241,364.44	954,776.94	1,196,141.39
Principal Summary			
Scheduled Principal Distribution	21,992.55	58,043.91	80,036.46
Curtailments	(5,499.47)	(6,759.87)	(12,259.34)
Prepayments in Full	24,044.90	860,684.93	884,729.83
Liquidation Proceeds	0.00	0.00	0.00
Repurchase Proceeds	0.00	0.00	0.00
Other Principal Proceeds	0.00	0.00	0.00
Less Mod Losses	0.00	0.00	0.00
Remittance Principal	40,537.98	911,968.97	952,506.95
Fee Summary			
Total Servicing Fees	14,484.16	57,023.38	71,507.54
Total Trustee Fees	0.00	0.00	0.00
LPMI Fees	0.00	0.00	0.00
Misc. Fees	0.00	0.00	0.00
Total Fees	14,484.16	57,023.38	71,507.54
Beginning Principal Balance	34,761,981.96	136,856,121.33	171,618,103.29
Ending Principal Balance	34,721,443.98	135,944,152.36	170,665,596.34

LaSalle Bank
ABN AMRO

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Cash Reconciliation Summary Group II

	Fixed	ARM	Total
Interest Summary			
Scheduled Interest	458,086.38	1,916,305.53	2,374,391.90
Fees	22,455.43	115,117.20	137,572.63
Remittance Interest	435,630.95	1,801,188.33	2,236,819.27
Other Interest Proceeds/Shortfalls			
Prepayment Penalties	1,822.50	65,771.72	67,594.22
Other Interest Loss	0.00	0.00	0.00
Other Interest Proceeds	0.00	0.00	0.00
Non-advancing Interest	0.00	0.00	0.00
Net PPIS/Relief Act Shortfall	0.00	0.00	0.00
Modification Shortfall	0.00	0.00	0.00
Other Interest Proceeds/Shortfalls	1,822.50	65,771.72	67,594.22
Interest Adjusted	437,453.45	1,866,960.05	2,304,413.49
Principal Summary			
Scheduled Principal Distribution	27,323.93	93,596.67	120,920.60
Curtailments	2,100.57	(8,525.74)	(6,425.17)
Prepayments in Full	464,251.58	4,596,775.32	5,061,026.90
Liquidation Proceeds	0.00	0.00	0.00
Repurchase Proceeds	0.00	0.00	0.00
Other Principal Proceeds	0.00	0.00	0.00
Less Mod Losses	0.00	0.00	0.00
Remittance Principal	493,676.08	4,681,846.25	5,175,522.33
Fee Summary			
Total Servicing Fees	22,455.43	115,117.20	137,572.63
Total Trustee Fees	0.00	0.00	0.00
LPMI Fees	0.00	0.00	0.00
Misc. Fees	0.00	0.00	0.00
Total Fees	22,455.43	115,117.20	137,572.63
Beginning Principal Balance	53,893,033.70	276,281,275.99	330,174,309.69
Ending Principal Balance	53,399,357.62	271,599,429.74	324,998,787.36

Revised Date: 01-Sep-06

LaSalle Bank
ABN AMRO

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Pool Detail and Performance Indicators Total (All Loans)

Pool Detail

Pool Level Information

Historical	**Amount**	**Count**	
Cutt-off Pool Balance	501,792,412.98	3,112	
Cum Scheduled Principal	200,957.06		
Cum Unscheduled Principal	5,927,072.22		
Cum Liquidations			
Cum Deferred Interest	0.00		
Current	**Amount**	**Count**	**%**
Beginning Pool	501,792,412.98	3,112	100.00%
Scheduled Principal	200,957.06		0.04%
Unscheduled Principal	5,927,072.22	24	1.18%
Deferred Interest	0.00		0.00%
Liquidations	0.00	0	0.00%
Repurchases	0.00	0	0.00%
Ending Pool	495,664,383.70	3,088	98.78%
Ending Actual Balance	495,867,121.37		
Average Loan Balance	160,513.08		
Current Loss Detail	**Amount**		
Liquidation	0.00		
Realized Loss	0.00		
Realized Loss Adjustment	0.00		
Net Liquidation	0.00		
Credit Enhancement	**Amount**	**%**	
Original OC	19,820,413.00	3.95%	
Target OC	19,820,800.00	3.95%	
Beginning OC	19,820,312.98		
Ending OC	19,820,800.00		
Most Senior Certificates	367,312,100.00		

Performance Indicators

Factors Impacting Principal Payment Rules

Delinquency Levels	**Num**	**Den**	**%**
3 mo. Rolling Average	308,598	495,664,384	0.06%
6 mo. Rolling Average	308,598	495,664,384	0.06%
12 mo. Rolling Average	308,598	495,664,384	0.06%
Loss Levels	**Amount**	**Count**	
3 mo. Cum Loss	0.00	0	
6 mo. Cum loss	0.00	0	
12 mo. Cum Loss	0.00	0	
Triggers			
> Delinquency Trigger Event [(2)]			NO
Delinquency Event Calc [(1)]	308,598.43	495,664,384	0.06%
> Loss Trigger Event? [(3)]			NO
Cumulative Loss		0	0.00%
> Overall Trigger Event?			NO
Step Down Date			
Distribution Count	1		
Required Percentage[(4)]	N/A		
Step Down % [(5)]	46.40%		
% of Required Percentage [(6)]	29.75%		
> Step Down Date?			NO
Extra Principal	487.02		
Cumulative Extra Principal	487.02		
OC Release	N/A		

Misc/Additional Information

WA Rates/Life

	Fixed	**Adj**	**Overall**
WAC - Remit Current	9.15%	7.97%	8.18%
WAC - Remit Original	9.15%	7.97%	8.18%
WAC - Current	9.65%	8.47%	8.68%
WAC - Original	9.65%	8.47%	8.68%
WAL - Current	270.77	357.37	342.01
WAL - Original	270.77	357.37	342.01
Current Index Rate			5.385000%
Next Index Rate			5.324380%

Prepayment Charges

	Amount	**Count**
Current	81,524.05	9
Cumulative	81,524.05	9

Pool Composition

Properties	**Balance**	**%/Score**
Cut-off LTV	3,796,191.92	0.76%
Cash Out/Refinance	N/A	N/A
SFR	371,770,130.90	74.09%
Owner Occupied	467,939,327.73	93.25%

	Min	**Max**	**WA**
FICO	500	813	628.74

Legend: **(1)** 60 Days+, REO, BK, F/C % **(3)** Condn: Cum Loss > specified thresholds **(5)** Defined Benchmark
(2) (1) > (6) * (4), then TRUE **(4)** Most Senior Certs + OC Amount / Ending Pool Bal **(6)** Defined Benchmark (Used in Delinq Event Calc)

LaSalle Bank ABN AMRO

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Pool Detail and Performance Indicators Group I

Pool Detail

Pool Level Information

Historical	Amount	Count	%
Cutt-off Pool Balance	171,618,103.29	1,194	
Cum Scheduled Principal	80,036.46		
Cum Unscheduled Principal	872,470.49		
Cum Liquidations	0.00		
Cum Deferred Interest	0.00		
Current	**Amount**	**Count**	**%**
Beginning Pool	171,618,103.29	1,194	100.00%
Scheduled Principal	80,036.46		0.05%
Unscheduled Principal	872,470.49	6	0.51%
Deferred Interest	0.00		0.00%
Liquidations	0.00	0	0.00%
Repurchases	0.00	0	0.00%
Ending Pool	170,665,596.34	1,188	99.44%
Ending Actual Balance	170,747,197.41		
Average Loan Balance	143,657.91		

Current Loss Detail	Amount
Liquidation	0.00
Realized Loss	0.00
Realized Loss Adjustment	0.00
Net Liquidation	0.00

Performance Indicators

Factors Impacting Principal Payment Rules

Delinquency Levels	Num	Den	%
3 mo. Rolling Average	84,763	170,665,596	0.05%
6 mo. Rolling Average	84,763	170,665,596	0.05%
12 mo. Rolling Average	84,763	170,665,596	0.05%
Loss Levels	**Amount**	**Count**	
3 mo. Cum Loss	0.00	0	
6 mo. Cum loss	0.00	0	
12 mo. Cum Loss	0.00	0	

Misc/Additional Information

WA Rates/Life

	Fixed	Adj	Overall
WAC - Remit Current	8.33%	8.25%	8.27%
WAC - Remit Original	8.33%	8.25%	8.27%
WAC - Current	8.83%	8.75%	8.77%
WAC - Original	8.83%	8.75%	8.77%
WAL - Current	307.96	357.28	347.23
WAL - Original	307.96	357.28	347.23

Prepayment Charges

	Amount	Count
Current	13,929.83	3
Cumulative	13,929.83	3

Pool Composition

Properties	Balance	%/Score
Cut-off LTV	1,331,680.47	0.78%
Cash Out/Refinance	N/A	N/A
SFR	140,765,460.44	82.02%
Owner Occupied	154,053,379.67	89.77%

	Min	Max	WA
FICO	501	804	616.57

Legend: **(1)** 60 Days+, REO, BK, F/C % **(3)** Condn: Cum Loss > specified thresholds **(5)** Defined Benchmark
(2) (1) > (6) * (4), then TRUE **(4)** Most Senior Certs + OC Amount / Ending Pool Bal **(6)** Defined Benchmark (Used in Delinq Event Calc)

Revised Date: 01-Sep-06

LaSalle Bank ABN AMRO

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Pool Detail and Performance Indicators Group II

Pool Detail

Pool Level Information

Historical	Amount	Count	
Cutt-off Pool Balance	330,174,309.69	1,918	
Cum Scheduled Principal	120,920.60		
Cum Unscheduled Principal	5,054,601.73		
Cum Liquidations	0.00		
Cum Deferred Interest	0.00		
Current	**Amount**	**Count**	**%**
Beginning Pool	330,174,309.69	1,918	100.00%
Scheduled Principal	120,920.60		0.04%
Unscheduled Principal	5,054,601.73	18	1.53%
Deferred Interest	0.00		0.00%
Liquidations	0.00	0	0.00%
Repurchases	0.00	0	0.00%
Ending Pool	324,998,787.36	1,900	98.43%
Ending Actual Balance	325,119,923.96		
Average Loan Balance	171,051.99		

Current Loss Detail	Amount
Liquidation	0.00
Realized Loss	0.00
Realized Loss Adjustment	0.00
Net Liquidation	0.00

Performance Indicators

Factors Impacting Principal Payment Rules

Delinquency Levels	Num	Den	%
3 mo. Rolling Average	223,836	324,998,787	0.07%
6 mo. Rolling Average	223,836	324,998,787	0.07%
12 mo. Rolling Average	223,836	324,998,787	0.07%
Loss Levels	**Amount**	**Count**	
3 mo. Cum Loss	0.00	0	
6 mo. Cum loss	0.00	0	
12 mo. Cum Loss	0.00	0	

Misc/Additional Information

WA Rates/Life

	Fixed	Adj	Overall
WAC - Remit Current	9.69%	7.82%	8.13%
WAC - Remit Original	9.69%	7.82%	8.13%
WAC - Current	10.19%	8.32%	8.63%
WAC - Original	10.19%	8.32%	8.63%
WAL - Current	246.36	357.41	339.26
WAL - Original	246.36	357.41	339.26

Current Index Rate	N/A
Next Index Rate	N/A

Prepayment Charges

	Amount	Count
Current	67,594.22	6
Cumulative	67,594.22	6

Pool Composition

Properties	Balance	%/Score
Cut-off LTV	2,464,511.45	0.75%
Cash Out/Refinance	N/A	N/A
SFR	231,004,670.46	69.96%
Owner Occupied	313,885,948.06	95.07%

	Min	Max	WA
FICO	500	813	635.13

Legend: **(1)** 60 Days+, REO, BK, F/C % **(3)** Condn: Cum Loss > specified thresholds **(5)** Defined Benchmark
(2) (1) > (6) * (4), then TRUE **(4)** Most Senior Certs + OC Amount / Ending Pool Bal **(6)** Defined Benchmark (Used in Delinq Event Calc)

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Bond Interest Reconciliation

	- - Accrual - -									- - - - - - Recovered - - - - - -		- - - - - Outstanding - - - -		
Class	Method	Days	Opening Balance	Pass-Thru Rate	Accrual Certificate Interest	Total Interest Additions	Total Interest Deductions	Distributable Certificate Interest	Interest Payment Amount	Interest Carry-Forward Amount	Floating Rate Certficate Carry-Over	Interest Carry-Forward Amount	Floating Rate Certficate Carry-Over	Net Cap Rate in Effect Y/N
A-1	Act/360	31	125,624,000.00	5.545000000%	599,837.15	0.00	0.00	599,837.15	599,837.15	0.00	0.00	0.00	0.00	No
A-2A	Act/360	31	124,338,000.00	5.445000000%	582,989.80	0.00	0.00	582,989.80	582,989.80	0.00	0.00	0.00	0.00	No
A-2B	Act/360	31	53,262,000.00	5.485000000%	251,566.78	0.00	0.00	251,566.78	251,566.78	0.00	0.00	0.00	0.00	No
A-2C	Act/360	31	43,176,000.00	5.535000000%	205,787.61	0.00	0.00	205,787.61	205,787.61	0.00	0.00	0.00	0.00	No
A-2D	Act/360	31	20,912,000.00	5.635000000%	101,472.58	0.00	0.00	101,472.58	101,472.58	0.00	0.00	0.00	0.00	No
M-1	Act/360	31	29,104,000.00	5.675000000%	142,225.59	0.00	0.00	142,225.59	142,225.59	0.00	0.00	0.00	0.00	No
M-2	Act/360	31	25,090,000.00	5.695000000%	123,042.06	0.00	0.00	123,042.06	123,042.06	0.00	0.00	0.00	0.00	No
M-3	Act/360	31	9,534,000.00	5.715000000%	46,919.20	0.00	0.00	46,919.20	46,919.20	0.00	0.00	0.00	0.00	No
M-4	Act/360	31	13,297,000.00	5.785000000%	66,239.37	0.00	0.00	66,239.37	66,239.37	0.00	0.00	0.00	0.00	No
M-5	Act/360	31	9,534,000.00	5.815000000%	47,740.18	0.00	0.00	47,740.18	47,740.18	0.00	0.00	0.00	0.00	No
M-6	Act/360	31	7,527,000.00	5.865000000%	38,014.49	0.00	0.00	38,014.49	38,014.49	0.00	0.00	0.00	0.00	No
B-1	Act/360	31	8,280,000.00	6.435000000%	45,881.55	0.00	0.00	45,881.55	45,881.55	0.00	0.00	0.00	0.00	No
B-2	Act/360	31	5,018,000.00	6.535000000%	28,238.10	0.00	0.00	28,238.10	28,238.10	0.00	0.00	0.00	0.00	No
B-3	Act/360	31	7,276,000.00	7.285000000%	45,643.76	0.00	0.00	45,643.76	45,643.76	0.00	0.00	0.00	0.00	No
R	Act/360	31	100.00	5.545000000%	0.48	0.00	0.00	0.48	0.48	0.00	0.00	0.00	0.00	No
C			501,792,412.98	N/A	1,093,432.14	0.00	487.02	1,093,432.14	1,092,945.12	0.00	0.00	487.02	0.00	No
P			0.00	N/A	0.00	81,524.05	0.00	81,524.05	81,524.05	0.00	0.00	0.00	0.00	No
Total			481,972,100.00		3,419,030.84	81,524.05	487.02	3,500,554.89	3,500,067.87	0.00	0.00	487.02	0.00	

LaSalle Bank
ABN AMRO

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Bond Interest Reconciliation

				Additions						Deductions		
Class	Record Date	Prior Interest Due Date	Current Interest Due Date	Supplemental Interest Trust	Payments From Cap Contracts	Prepayment Premiums	Interest Carry-Forward	Floating Rate Cartificate Carry-Over	Other Interest Proceeds (1)	Non-Supported Interest Shortfall	Interest Carry-Forward	Floating Rate Cartificate Carry-Over
A-1	25-Jul-06	25-Jul-06	25-Aug-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A-2A	25-Jul-06	25-Jul-06	25-Aug-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A-2B	25-Jul-06	25-Jul-06	25-Aug-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A-2C	25-Jul-06	25-Jul-06	25-Aug-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A-2D	25-Jul-06	25-Jul-06	25-Aug-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M-1	25-Jul-06	25-Jul-06	25-Aug-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M-2	25-Jul-06	25-Jul-06	25-Aug-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M-3	25-Jul-06	25-Jul-06	25-Aug-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M-4	25-Jul-06	25-Jul-06	25-Aug-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M-5	25-Jul-06	25-Jul-06	25-Aug-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M-6	25-Jul-06	25-Jul-06	25-Aug-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B-1	25-Jul-06	25-Jul-06	25-Aug-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B-2	25-Jul-06	25-Jul-06	25-Aug-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B-3	25-Jul-06	25-Jul-06	25-Aug-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
R	25-Jul-06	25-Jul-06	25-Aug-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C	25-Jul-06	1-Jul-06	1-Aug-06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	487.02	0.00
P	25-Jul-06	1-Jul-06	1-Aug-06	0.00	0.00	81,524.05	0.00	0.00	0.00	0.00	0.00	0.00
Total				0.00	0.00	81,524.05	0.00	0.00	0.00	0.00	487.02	0.00

(1) Other Interest Proceeds are additional interest amounts specifically allocated to the bond(s) and used in determining the bonds Distributable Interest.
(2) Interest Carry-Forward Shortfall is unpaid interest with interest thereon.

LaSalle Bank ABN AMRO

Revised Date: 01-Sep-06

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Bond Principal Reconciliation

						- - - Losses - - -						- Credit Support -	
Class	Original Class Balance	Beginning Class Balance	Scheduled Principal Payment	Unscheduled Principal Payment	Extra Principal Payment	Prior Loss Reimburs.	Current Losses	Cumulative Losses	Interest on Losses	Ending Class Balance	Rated Final Maturity	Original	Current
A-1	125,624,000.00	125,624,000.00	79,936.46	872,470.49	75.70	0.00	0.00	0.00	0.00	124,671,517.35	27-Jul-37	26.80%	27.13%
A-2A	124,338,000.00	124,338,000.00	120,920.60	5,054,601.73	411.32	0.00	0.00	0.00	0.00	119,162,066.35	27-Jul-37	26.80%	27.13%
A-2B	53,262,000.00	53,262,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53,262,000.00	27-Jul-37	26.80%	27.13%
A-2C	43,176,000.00	43,176,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43,176,000.00	27-Jul-37	26.80%	27.13%
A-2D	20,912,000.00	20,912,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20,912,000.00	27-Jul-37	26.80%	27.13%
M-1	29,104,000.00	29,104,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29,104,000.00	27-Jul-37	21.00%	21.26%
M-2	25,090,000.00	25,090,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25,090,000.00	27-Jul-37	16.00%	16.20%
M-3	9,534,000.00	9,534,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9,534,000.00	27-Jul-37	14.10%	14.27%
M-4	13,297,000.00	13,297,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13,297,000.00	27-Jul-37	11.45%	11.59%
M-5	9,534,000.00	9,534,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9,534,000.00	27-Jul-37	9.55%	9.67%
M-6	7,527,000.00	7,527,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,527,000.00	27-Jul-37	8.05%	8.15%
B-1	8,280,000.00	8,280,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8,280,000.00	27-Jul-37	6.40%	6.48%
B-2	5,018,000.00	5,018,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,018,000.00	27-Jul-37	5.40%	5.47%
B-3	7,276,000.00	7,276,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,276,000.00	27-Jul-37	3.95%	4.00%
R	100.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27-Jul-37	26.80%	N/A
C	501,792,412.98	501,792,412.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	495,664,383.70	27-Jul-37	N/A	N/A
P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27-Jul-37	N/A	N/A
Total	481,972,100.00	481,972,100.00	200,957.06	5,927,072.22	487.02	0.00	0.00	0.00	0.00	475,843,583.70			

LaSalle Bank
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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Ratings Information

		Original Ratings				Ratings Change / Change Date [1]			
Class	CUSIP	Fitch	Moody's	DBRS	S&P	Fitch	Moody's	DBRS	S&P
A-1	59023EAA6	NR	Aaa	NR	AAA				
A-2A	59023EAB4	NR	Aaa	NR	AAA				
A-2B	59023EAC2	NR	Aaa	NR	AAA				
A-2C	59023EAD0	NR	Aaa	NR	AAA				
A-2D	59023EAE8	NR	Aaa	NR	AAA				
M-1	59023EAH1	NR	Aa1	NR	AA+				
M-2	59023EAJ7	NR	Aa2	NR	AA				
M-3	59023EAK4	NR	Aa3	NR	AA-				
M-4	59023EAL2	NR	A1	NR	A+				
M-5	59023EAM0	NR	A2	NR	A				
M-6	59023EAN8	NR	A3	NR	A-				
B-1	59023EAP3	NR	Baa1	NR	BBB+				
B-2	59023EAQ1	NR	Baa2	NR	BBB				
B-3	59023EAR9	NR	Baa3	NR	BBB-				
C	59023EAS7	NR	NR	NR	NR				
P	59023EAT5	NR	NR	NR	NR				
R	59023EAU2	NR	NR	NR	AAA				

NR - Designates that the class was not rated by the rating agency.

[1] Changed ratings provided on this report are based on information provided by the applicable rating agency via electronic transmission. It shall be understood that this transmission will generally have been provided to LaSalle within 30 days of the payment date listed on this statement. Because ratings may have changed during the 30 day window, or may not be being provided by the rating agency in an electronic format and therefore not being updated on this report, LaSalle recommends that investors obtain current rating information directly from the rating agency.

LaSalle Bank
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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Asset-Backed Facts ~ 15 Month Historical Loan Status Summary Part I (as of Cut-Off)

Distribution Date	Current		Delinq 1 Month		Delinq 2 Months		Delinq 3+ Months		Bankruptcy		Foreclosure		REO	
	Count	Balance	Count	Balance	Count	Balance	Count	Balance	Count	Balance	Count	Balance	Count	Balance
Total (All Loans)														
25-Aug-06	3,076	493,743,517	9	1,612,269	1	223,836	0	0	2	84,763	0	0	0	0

Total (All Loans)														
25-Aug-06	99.61%	99.61%	0.29%	0.33%	0.03%	0.05%	0.00%	0.00%	0.06%	0.02%	0.00%	0.00%	0.00%	0.00%

Delinquency Balances are Exclusive of REO, Foreclosures and Bankruptcies.

LaSalle Bank
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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Asset-Backed Facts ~ 15 Month Historical Loan Status Summary Part I (as of Cut-Off)

Distribution Date	Current		Delinq 1 Month		Delinq 2 Months		Delinq 3+ Months		Bankruptcy		Foreclosure		REO	
	Count	Balance	Count	Balance	Count	Balance	Count	Balance	Count	Balance	Count	Balance	Count	Balance
Group I -Fixed														
25-Aug-06	401	34,433,340	2	271,137	0	0	0	0	1	16,967	0	0	0	0

Group I -Fixed														
25-Aug-06	99.26%	99.17%	0.50%	0.78%	0.00%	0.00%	0.00%	0.00%	0.25%	0.05%	0.00%	0.00%	0.00%	0.00%

Delinquency Balances are Exclusive of REO, Foreclosures and Bankruptcies.

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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Asset-Backed Facts ~ 15 Month Historical Loan Status Summary Part I (as of Cut-Off)

Distribution Date	Current Count	Current Balance	Delinq 1 Month Count	Delinq 1 Month Balance	Delinq 2 Months Count	Delinq 2 Months Balance	Delinq 3+ Months Count	Delinq 3+ Months Balance	Bankruptcy Count	Bankruptcy Balance	Foreclosure Count	Foreclosure Balance	REO Count	REO Balance
Group I -ARM														
25-Aug-06	781	135,509,391	2	366,965	0	0	0	0	1	67,795	0	0	0	0

Distribution Date	Current Count	Current Balance	Delinq 1 Month Count	Delinq 1 Month Balance	Delinq 2 Months Count	Delinq 2 Months Balance	Delinq 3+ Months Count	Delinq 3+ Months Balance	Bankruptcy Count	Bankruptcy Balance	Foreclosure Count	Foreclosure Balance	REO Count	REO Balance
Group I -ARM														
25-Aug-06	99.62%	99.68%	0.26%	0.27%	0.00%	0.00%	0.00%	0.00%	0.13%	0.05%	0.00%	0.00%	0.00%	0.00%

Delinquency Balances are Exclusive of REO, Foreclosures and Bankruptcies.

LaSalle Bank
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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Asset-Backed Facts ~ 15 Month Historical Loan Status Summary Part I (as of Cut-Off)

Distribution Date	Current		Delinq 1 Month		Delinq 2 Months		Delinq 3+ Months		Bankruptcy		Foreclosure		REO	
	Count	Balance	Count	Balance	Count	Balance	Count	Balance	Count	Balance	Count	Balance	Count	Balance
Group II - Fixed														
25-Aug-06	627	53,199,529	2	199,829	0	0	0	0	0	0	0	0	0	0

Group II - Fixed														
25-Aug-06	99.68%	99.63%	0.32%	0.37%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Delinquency Balances are Exclusive of REO, Foreclosures and Bankruptcies.

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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Asset-Backed Facts ~ 15 Month Historical Loan Status Summary Part I (as of Cut-Off)

Distribution Date	Current		Delinq 1 Month		Delinq 2 Months		Delinq 3+ Months		Bankruptcy		Foreclosure		REO	
	Count	Balance	Count	Balance	Count	Balance	Count	Balance	Count	Balance	Count	Balance	Count	Balance
Group II - ARM														
25-Aug-06	1,267	270,601,256	3	774,338	1	223,836	0	0	0	0	0	0	0	0

Group II - ARM														
25-Aug-06	99.69%	99.63%	0.24%	0.29%	0.08%	0.08%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Delinquency Balances are Exclusive of REO, Foreclosures and Bankruptcies.

LaSalle Bank
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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Asset-Backed Facts ~ 15 Month Historical Loan Status Summary Part II (as of Cut-Off)

Distribution Date	In Foreclosure and Delinquent								In REO and Delinquent								In Bankruptcy and Delinquent							
	Current		31-60 Days		61-90 Days		90 + Days		Current		31-60 Days		61-90 Days		90 + Days		Current		31-60 Days		61-90 Days		90 + Days	
	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance
Total (All Loans)																								
25-Aug-06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	84,763	0	0	0	0	0	0

Total (All Loans)																								
25-Aug-06	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.06%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

LaSalle Bank
ABN AMRO

Revised Date: 01-Sep-06

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Asset-Backed Facts ~ 15 Month Historical Loan Status Summary Part II (as of Cut-Off)

Distribution Date	In Foreclosure and Delinquent								In REO and Delinquent								In Bankruptcy and Delinquent							
	Current		31-60 Days		61-90 Days		90 + Days		Current		31-60 Days		61-90 Days		90 + Days		Current		31-60 Days		61-90 Days		90 + Days	
	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance
Group I -Fixed																								
25-Aug-06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	16,967	0	0	0	0	0	0
Group I -Fixed																								
25-Aug-06	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.25%	0.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Revised Date: 01-Sep-06

LaSalle Bank
ABN AMRO

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Asset-Backed Facts ~ 15 Month Historical Loan Status Summary Part II (as of Cut-Off)

Distribution Date	In Foreclosure and Delinquent								In REO and Delinquent								In Bankruptcy and Delinquent							
	Current		31-60 Days		61-90 Days		90 + Days		Current		31-60 Days		61-90 Days		90 + Days		Current		31-60 Days		61-90 Days		90 + Days	
	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance
Group I -ARM																								
25-Aug-06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	67,795	0	0	0	0	0	0

Group I -ARM																								
25-Aug-06	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.13%	0.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

LaSalle Bank
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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Asset-Backed Facts ~ 15 Month Historical Loan Status Summary Part II (as of Cut-Off)

Distribution Date	In Foreclosure and Delinquent								In REO and Delinquent								In Bankruptcy and Delinquent							
	Current		31-60 Days		61-90 Days		90 + Days		Current		31-60 Days		61-90 Days		90 + Days		Current		31-60 Days		61-90 Days		90 + Days	
	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance
Group II - Fixed																								
25-Aug-06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Group II - Fixed

25-Aug-06	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

LaSalle Bank
ABN AMRO

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Asset-Backed Facts ~ 15 Month Historical Loan Status Summary Part II (as of Cut-Off)

Distribution Date	In Foreclosure and Delinquent								In REO and Delinquent								In Bankruptcy and Delinquent							
	Current		31-60 Days		61-90 Days		90 + Days		Current		31-60 Days		61-90 Days		90 + Days		Current		31-60 Days		61-90 Days		90 + Days	
	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance	#	Balance
Group II - ARM																								
25-Aug-06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Group II - ARM																								
25-Aug-06	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

LaSalle Bank
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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Asset-Backed Facts ~ 15 Month Historical Payoff/Loss Summary

Distribution Date	Ending Pool #	Ending Pool Balance	Payoffs #	Payoffs Balance	Insurance Proceeds	Substitution Proceeds	Liquidation Proceeds	Realized Losses #	Realized Losses Amount	Remaining Term Life	Curr Weighted Avg. Coupon	Curr Weighted Avg. Remit
Total (All Loans)												
25-Aug-06	3,088	495,664,384	24	5,945,757	0.00	0.00	0.00	0	0	342	8.68%	8.18%
Group I -Fixed												
25-Aug-06	404	34,721,444	1	24,045	0.00	0.00	0.00	0	0	308	8.83%	8.33%

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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Asset-Backed Facts ~ 15 Month Historical Payoff/Loss Summary

Distribution	Ending Pool		Payoffs		Insurance	Substitution	Liquidation	Realized Losses		Remaining Term	Curr Weighted Avg.	
Date	#	Balance	#	Balance	Proceeds	Proceeds	Proceeds	#	Amount	Life	Coupon	Remit
Group I -ARM												
25-Aug-06	784	135,944,152	5	860,685	0.00	0.00	0.00	0	0	357	8.75%	8.25%
Group II - Fixed												
25-Aug-06	629	53,399,358	6	464,252	0.00	0.00	0.00	0	0	246	10.20%	9.70%

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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

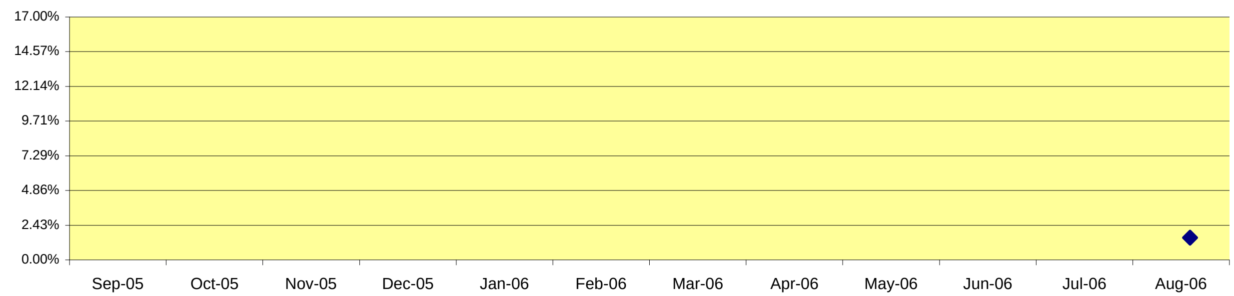
Distribution Date: 25-Aug-06
Asset-Backed Facts ~ 15 Month Historical Payoff/Loss Summary

Distribution	Ending Pool		Payoffs		Insurance	Substitution	Liquidation	Realized Losses		Remaining Term	Curr Weighted Avg.	
Date	#	Balance	#	Balance	Proceeds	Proceeds	Proceeds	#	Amount	Life	Coupon	Remit
						Group II - ARM						
25-Aug-06	1,271	271,599,430	12	4,596,775	0.00	0.00	0.00	0	0	357	8.32%	7.82%

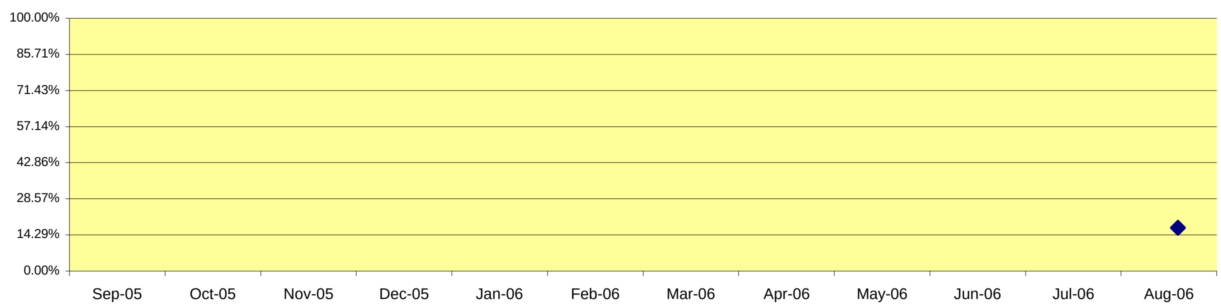
Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Prepayment Summary

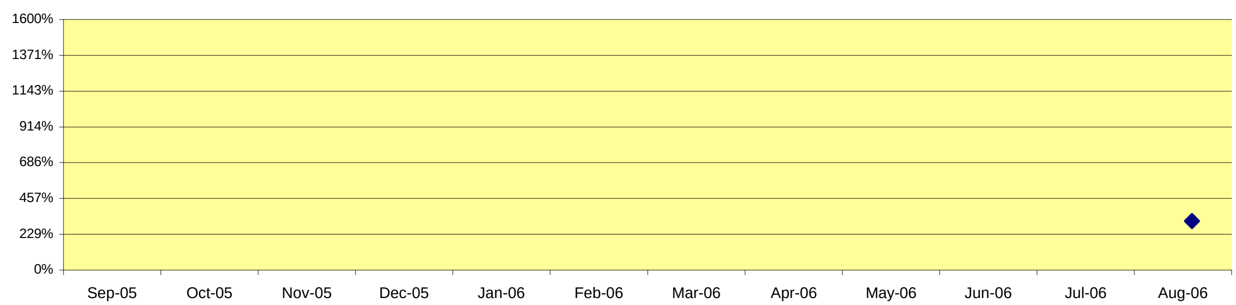
SMM (Single Monthly Mortality)	Total
Current Period	1.19%
3-Month Average	1.19%
6-Month Average	1.19%
12-Month Average	1.19%
Average Since Cut-Off	1.19%



CPR (Conditional Prepayment Rate)	Total
Current Period	13.33%
3-Month Average	13.33%
6-Month Average	13.33%
12-Month Average	13.33%
Average Since Cut-Off	13.33%



PSA (Public Securities Association)	Total
Current Period	222%
3-Month Average	222%
6-Month Average	222%
12-Month Average	222%
Average Since Cut-Off	222%



SMM	Single Monthly Mortality	(Partial and Full Prepayments + Repurchases + Liquidations + Other Principal Proceeds) / (Beginning Collateral Balance - Scheduled Principal)
CPR	Conditional Prepayment Rate	1 - (1 - SMM)^12)
PSA	Public Securities Association	100 * CPR / (0.2 * MIN(30,WAS))
WAS	Weighted Average Seasoning	(Original Term - Remaining Term) * (Current Scheduled Balance / Deal Scheduled Principal Balance)

LaSalle Bank ABN AMRO

Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Mortgage Loan Characteristics Part I

Distribution by Current Ending Principal Balance

Min		Max	Count	% of Total	Balance	% of Total
14,000	to	45,000	316	10.23%	9,696,690	1.96%
45,000	to	61,000	267	8.65%	14,324,031	2.89%
61,000	to	77,000	300	9.72%	20,649,466	4.17%
77,000	to	93,000	265	8.58%	22,540,174	4.55%
93,000	to	109,000	220	7.12%	22,257,721	4.49%
109,000	to	124,000	178	5.76%	20,667,763	4.17%
124,000	to	164,000	366	11.85%	52,348,131	10.56%
164,000	to	204,000	326	10.56%	60,171,196	12.14%
204,000	to	244,000	258	8.35%	57,469,639	11.59%
244,000	to	284,000	169	5.47%	44,726,222	9.02%
284,000	to	324,000	117	3.79%	35,614,871	7.19%
324,000	to	1,048,000	306	9.91%	135,198,482	27.28%
			3,088	100.00%	495,664,384	100.00%

Distribution by Cut-off Principal Balance

Min		Max	Count	% of Total	Balance	% of Total
14,000	to	45,000	318	10.22%	9,765,060	1.95%
45,000	to	61,000	269	8.64%	14,442,842	2.88%
61,000	to	77,000	301	9.67%	20,719,545	4.13%
77,000	to	93,000	267	8.58%	22,707,948	4.53%
93,000	to	109,000	221	7.10%	22,350,267	4.45%
109,000	to	124,000	179	5.75%	20,787,676	4.14%
124,000	to	164,000	368	11.83%	52,653,422	10.49%
164,000	to	204,000	329	10.57%	60,765,883	12.11%
204,000	to	244,000	259	8.32%	57,714,979	11.50%
244,000	to	284,000	171	5.49%	45,253,354	9.02%
284,000	to	325,000	121	3.89%	36,925,142	7.36%
325,000	to	1,049,000	309	9.93%	137,706,294	27.44%
			3,112	100.00%	501,792,413	100.00%

Distribution by Current Mortgage Rate

Min		Max	Count	% of Total	Balance	% of Total
5.25%	to	7.30%	301	9.75%	69,565,273	14.03%
7.30%	to	7.63%	199	6.44%	48,366,175	9.76%
7.63%	to	7.95%	254	8.23%	59,801,310	12.06%
7.95%	to	8.28%	249	8.06%	58,534,325	11.81%
8.28%	to	8.61%	243	7.87%	45,511,417	9.18%
8.61%	to	8.99%	314	10.17%	56,056,156	11.31%
8.99%	to	9.58%	260	8.42%	45,387,310	9.16%
9.58%	to	10.17%	339	10.98%	41,486,915	8.37%
10.17%	to	10.77%	197	6.38%	22,182,672	4.48%
10.77%	to	11.36%	235	7.61%	18,816,450	3.80%
11.36%	to	11.98%	178	5.76%	13,069,063	2.64%
11.98%	to	14.25%	319	10.33%	16,887,319	3.41%
			3,088	100.00%	495,664,384	100.00%

Distribution by Original Mortgage Rate

Min		Max	Count	% of Total	Balance	% of Total
5.25%	to	7.30%	302	9.70%	69,789,134	13.91%
7.30%	to	7.63%	199	6.39%	48,382,623	9.64%
7.63%	to	7.95%	255	8.19%	60,144,019	11.99%
7.95%	to	8.28%	250	8.03%	58,821,509	11.72%
8.28%	to	8.61%	245	7.87%	46,178,457	9.20%
8.61%	to	8.99%	316	10.15%	56,658,896	11.29%
8.99%	to	9.58%	264	8.48%	47,280,625	9.42%
9.58%	to	10.17%	340	10.93%	41,699,560	8.31%
10.17%	to	10.77%	199	6.39%	22,518,183	4.49%
10.77%	to	11.36%	238	7.65%	19,477,600	3.88%
11.36%	to	11.98%	180	5.78%	13,563,224	2.70%
11.98%	to	14.25%	324	10.41%	17,278,584	3.44%
			3,112	100.00%	501,792,413	100.00%

LaSalle Bank
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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Mortgage Loan Characteristics Part II

Distribution by Product Characteristics (Current)

Product Type	# of Loans	Ending Balance	% of Balance	WAMM	WAC
Adjustable	2,055	407,543,582	82.22%	357.37	8.45%
Fixed 1st Lien	316	46,865,518	9.46%	345.04	7.99%
Fixed 2nd Lien	717	41,255,283	8.32%	185.31	11.53%
Total	3,088	495,664,384	100.00%		

Distribution by Product Characteristics (Cut-off)

Product Type	# of Loans	Original Principal Balance	% of Balance	WAMM	WAC
Adjustable	2,072	413,137,397	82.33%	360.00	8.46%
Fixed 1st Lien	316	46,894,176	9.35%	347.86	7.99%
Fixed 2nd Lien	724	41,760,840	8.32%	188.18	11.54%
Total	3,112	501,792,413	100.00%		

Distribution by Property Types (Current)

Property Type	# of Loans	Ending Balance	% of Balance	WAMM	WAC
SF Attached Dwelling	1,585	263,707,287	53.20%	344.33	8.54%
SF Unattached Dwelling	838	105,043,323	21.19%	338.57	8.95%
Multifamily	205	42,032,343	8.48%	342.70	8.83%
PUD	139	30,613,342	6.18%	342.63	8.20%
Condo - Low Facility	197	28,636,591	5.78%	338.07	8.95%
Deminimus Planned Unit Development	116	24,310,284	4.90%	332.94	8.80%
Condo - High Facility	8	1,321,214	0.27%	320.36	8.38%
Total	3,088	495,664,384	100.00%		

Distribution by Property Types (Cut-off)

Property Type	# of Loans	Ending Balance	% of Balance	WAMM	WAC
SF Attached Dwelling	1,589	264,516,645	52.71%	346.71	8.54%
SF Unattached Dwelling	847	107,253,486	21.37%	342.29	8.97%
Multifamily	209	43,338,262	8.64%	345.07	8.85%
PUD	142	32,013,384	6.38%	345.28	8.24%
Condo - Low Facility	198	28,671,040	5.71%	340.38	8.96%
Deminimus Planned Unit Development	119	24,678,059	4.92%	335.67	8.82%
Condo - High Facility	8	1,321,537	0.26%	324.02	8.38%
Total	3,112	501,792,413	100.00%		

Revised Date: 01-Sep-06

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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Mortgage Loan Characteristics Part II

Distribution by Occupancy Type (Current)

Occupancy Type	# of Loans	Ending Balance	% of Balance	WAMM	WAC
Owner Occupied - Primary Residence	2,848	458,828,719	92.57%	340.65	8.64%
Non-Owner Occupied	224	33,424,207	6.74%	357.20	9.11%
Owner Occupied - Secondary Residence	16	3,411,458	0.69%	356.95	8.35%
Total	3,088	495,664,384	100.00%		

Distribution by Occupancy Type (Cut-off)

Occupancy Type	# of Loans	Ending Balance	% of Balance	WAMM	WAC
Owner Occupied - Primary Residence	2,869	464,526,587	92.57%	343.35	8.65%
Non-Owner Occupied	227	33,853,085	6.75%	359.77	9.11%
Owner Occupied - Secondary Residence	16	3,412,740	0.68%	360.00	8.35%
Total	3,112	501,792,413	100.00%		

Distribution by Loan Purpose (Current)

Loan Purpose	# of Loans	Ending Balance	% of Balance	WAMM	WAC
Unknown	3,088	495,664,384	100.00%	341.88	8.67%
Total	3,088	495,664,384	100.00%		

Distribution by Loan Purpose (Cut-off)

Loan Purpose	# of Loans	Ending Balance	% of Balance	WAMM	WAC
Unknown	3,112	501,792,413	100.00%	344.57	8.68%
Total	3,112	501,792,413	100.00%		

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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Mortgage Loan Characteristics Part II

Distribution by Originator Concentration > 10% (Current)

Originator	# of Loans	Ending Balance	% of Balance	WAMM	WAC
First Nlc	1,372	223,616,299	45.11%	344.58	8.69%
Nova Star	1,155	159,391,365	32.16%	337.96	8.87%
Ldcc	459	87,717,291	17.70%	341.26	8.36%

Distribution by Originator Concentration > 10% (Cut-off)

Originator	# of Loans	Ending Balance	% of Balance	WAMM	WAC
First Nlc	1,375	224,041,963	44.65%	346.78	8.69%
Nova Star	1,170	163,542,067	32.59%	341.65	8.89%
Ldcc	460	87,845,166	17.51%	343.28	8.36%

Distribution Date: 25-Aug-06
Geographic Concentration

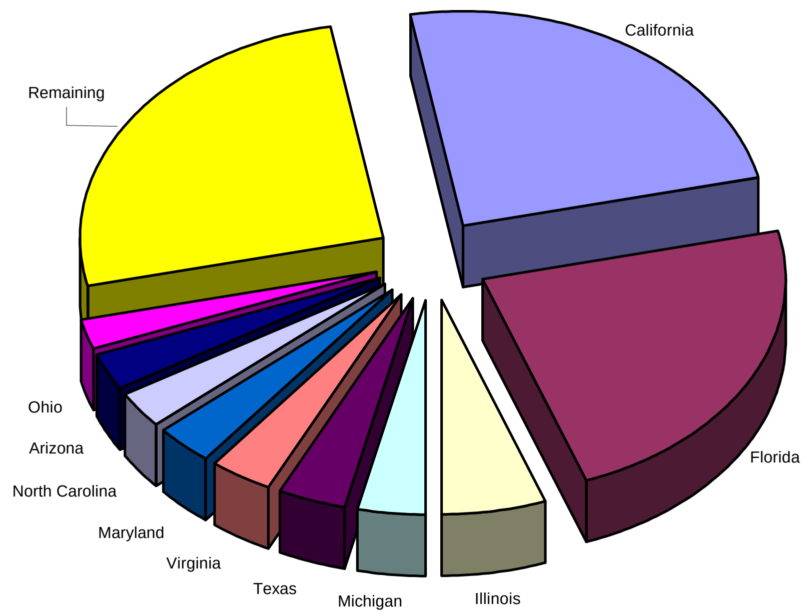
Top 10 Current State Concentration

Geographic Distribution	# of Loans	Balance [1]	% of Balance	WAMM	WAC
California	441	120,240,875	24.26%	340	8.16%
Florida	693	113,247,040	22.85%	339	8.61%
Illinois	174	28,352,945	5.72%	345	8.79%
Michigan	171	18,222,336	3.68%	348	9.21%
Texas	129	16,669,294	3.36%	346	8.88%
Virginia	100	16,628,346	3.35%	341	8.50%
Maryland	81	15,236,842	3.07%	335	8.59%
North Carolina	135	14,353,315	2.90%	338	9.29%
Arizona	81	13,072,667	2.64%	340	8.50%
Ohio	138	11,754,199	2.37%	347	9.27%
Remaining	945	127,886,524	25.80%	345	8.98%

Top 10 Original State Concentration

Geographic Distribution	# of Loans	Balance [1]	% of Balance	WAMM	WAC
California	445	121,367,708	24.19%	343	8.17%
Florida	699	114,987,335	22.92%	342	8.62%
Illinois	178	29,029,974	5.79%	347	8.79%
Michigan	172	18,288,576	3.64%	351	9.22%
Virginia	101	16,723,545	3.33%	344	8.51%
Texas	129	16,679,709	3.32%	349	8.88%
Maryland	82	15,506,059	3.09%	338	8.58%
North Carolina	135	14,359,923	2.86%	341	9.29%
Arizona	83	13,358,291	2.66%	342	8.52%
Ohio	138	11,757,647	2.34%	351	9.27%
Remaining	950	129,733,646	25.85%	348	9.00%

Top 10 Current State Concentration



[1] Based on Current Period Ending Principal Balance

LaSalle Bank
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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Current Period Realized Loss Detail

Disclosure Control #	Period	Original Liquidation Balance	Net Liquidation Proceeds	Loss-Loan Non-adjusted	Loss to Trust	Loss-Certs Non-adjusted	Subsequent Recov/(Exp)	Loss-Loan Adjusted	Loss-Certs Adjusted	Liq Type	Adj Type

Liq. Type Code - Legend				**Adjustment Legend**			
Charge-off	C	REO	R	Escrow Bal/Adv	1	Third Party	6
Matured	M	Short Pay	S	MREC	2	Charged Off/Matured	7
Repurchase	N	Third Party	T	Rest'd Escrow	3	Side Note	8
Note Sale	O	Write-off	W	Replacement Res.	4	Manual	9
Paid in Full	P			Suspense	5		

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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Historical Realized Loss Summary
Total (All Loans)

Distribution Date	Current Realized Loss: Beginning Scheduled Balance	Current Realized Loss: Net Liquidation Proceeds	Current Realized Loss: Realized Loss	Current Realized Loss: Loan Count	Previous Liquidations/Payoffs: Claims on Prior Liquidations Amount	Claims on Prior Liquidations Count	Recovery on Prior Liquidations Amount	Recovery on Prior Liquidations Count	(Claims)/Recoveries on Prior Payoffs Amount	(Claims)/Recoveries on Prior Payoffs Count	Realized Loss Adjusted	Cumulative Realized Loss
25-Aug-06	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.00
Total	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00	

LaSalle Bank
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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Historical Realized Loss Summary
Group I

	Current Realized Loss				Previous Liquidations/Payoffs							
Distribution Date	Beginning Scheduled Balance	Net Liquidation Proceeds	Realized Loss	Loan Count	Claims on Prior Liquidations		Recovery on Prior Liquidations		(Claims)/Recoveries on Prior Payoffs		Realized Loss Adjusted	Cumulative Realized Loss
					Amount	Count	Amount	Count	Amount	Count		
25-Aug-06	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.00
Total	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00	

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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Historical Realized Loss Summary
Group II

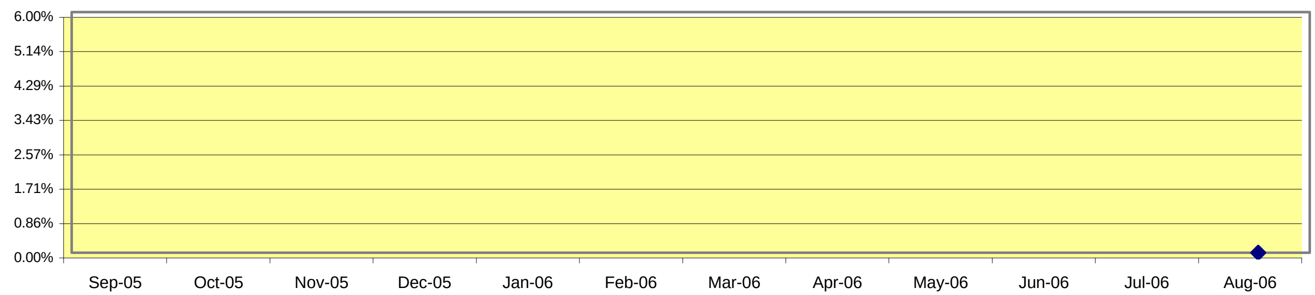
Distribution Date	Current Realized Loss: Beginning Scheduled Balance	Current Realized Loss: Net Liquidation Proceeds	Current Realized Loss: Realized Loss	Current Realized Loss: Loan Count	Previous Liquidations/Payoffs: Claims on Prior Liquidations Amount	Claims on Prior Liquidations Count	Recovery on Prior Liquidations Amount	Recovery on Prior Liquidations Count	(Claims)/Recoveries on Prior Payoffs Amount	(Claims)/Recoveries on Prior Payoffs Count	Realized Loss Adjusted	Cumulative Realized Loss
25-Aug-06	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.00
Total	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00	

LaSalle Bank
ABN AMRO

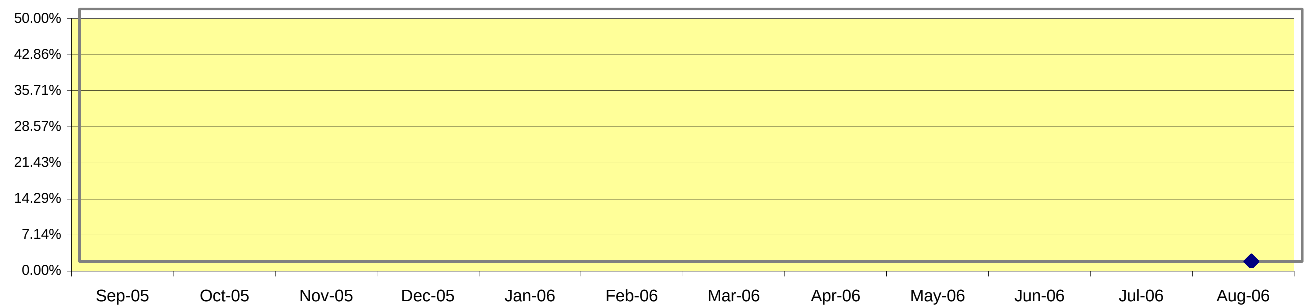
Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Realized Loss Summary

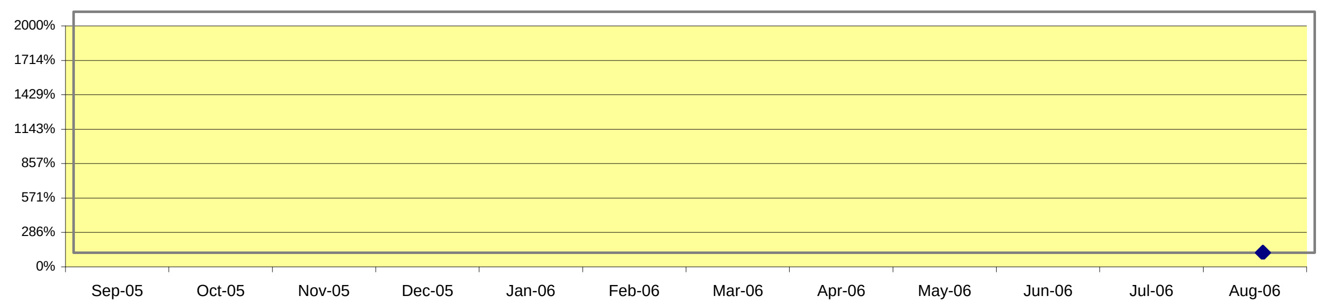
MDR (monthly Default Rate)	**Total**
Current Period	0.00%
3-Month Average	0.00%
6-Month Average	0.00%
12-Month Average	0.00%
Average Since Cut-Off	0.00%



CDR (Conditional Default Rate)	**Total**
Current Period	0.00%
3-Month Average	0.00%
6-Month Average	0.00%
12-Month Average	0.00%
Average Since Cut-Off	0.00%



SDA (Standard Default Assumption)	**Total**
Current Period	0.00%
3-Month Average	0.00%
6-Month Average	0.00%
12-Month Average	0.00%
Average Since Cut-Off	0.00%



MDR	Monthly Default Rate	(Beginning Principal Balance of Liquidated Loans) / (Total Beginning Principal Balance)
CDR	Conditional Default Rate	1 - (1 - MDR)^12
SDA	Standard Default Assumption	If WAS=30 then CDR/(WAS*0.02) else if 30<WAS=60 then CDR/0.6 else if 60<WAS=120 then CDR/(0.6-((WAS-60)*0.0095)) else if WAS>120 then CDR/0.03
WAS	Weighted Average Seasoning	(Original Term - Remaining Term) * (Current Scheduled Balance / Deal Scheduled Principal Balance)

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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Servicemembers Civil Relief Act

Disclosure Control #	Beginning Balance	Scheduled Principal	Unscheduled Principal	Ending balance	Loan Rate	P&I Amount	Scheduled Interest	Interest Received	Relief Act Interest Shortfall

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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Material Breaches Detail

Disclosure Control #	Loan Group #	Ending Principal Balance	Material Breach Date	Material Breach Description

Material breaches of pool asset representation or warranties or transaction covenants.

LaSalle Bank
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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Modified Loan Detail

Disclosure Control #	Loan Group #	Modified Maturity Date	Cutoff Maturity Date	Modification Description

Modifications include any extensions or waivers to the mortgage loan terms, fees, penalties or payments during the preceding calendar month or that have become material over time.

LaSalle Bank
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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Collateral Asset Changes

Disclosure Control #	Beginning Principal Balance	Description

LaSalle Bank
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Merrill Lynch Mortgage Investors Trust
Mortgage Loan Asset-Backed Certificates
Series 2006-HE4

Distribution Date: 25-Aug-06
Historical Collateral Level REO Report

Disclosure Control #	REO Date	City	State	Property Type	Actual Balance	Scheduled Balance	Recent Appraisal Value	Appraisal Date	Appraisal Reduction Amount	Date Liquidated	Liquidation Proceeds	Liquidation Expenses	Realized Loss